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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Weifang Luo et al.  
Serial No. : 09/393,043  
Filed : September 9, 1999  
Title : BATTERY

Art Unit : 1745  
Examiner : J. Crepeau

#13 B NE  
1/17/02  
MMW

**BOX AF**

Commissioner for Patents  
Washington, D.C. 20231

Do not  
enter (JC)  
1-18-02

RESPONSE

In response to the action mailed December 7, 2001, please amend the application as follows:

In the claims:

Please cancel claims 51-54.

Please amend claim 47 to:

47. (Twice Amended) A battery comprising:  
a housing;  
a first electrode within the housing;  
a second electrode within the first electrode, the second electrode including nine lobes extending radially in a plane transverse to a length of the housing; and  
a separator between the first electrode and the second electrode,  
wherein the first electrode contacts an entire surface of the separator.

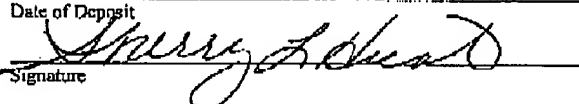
## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

December 27, 2001

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